

Rabbit Cellular Apoptosis Susceptibility Polyclonal Antibody | anti-CSE1L antibody

Cellular Apoptosis Susceptibility Antibody (N-term)

CATALOG # AAA283781	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Bovine, Zebrafish)	APPLICATIONS Immunohistochemistry, Immunofluorescence, ELISA, Western Blot
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PRODUCT SYNONYMS

Cellular Apoptosis Susceptibility; Polyclonal Antibody; Cellular Apoptosis Susceptibility Antibody (N-term); Exportin-2; Exp2; Cellular apoptosis susceptibility protein; Chromosome segregation 1-like protein; Importin-alpha re-exporter; CSE1L; CAS; XPO2; anti-CSE1L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Cellular Apoptosis Susceptibility antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-84 amino acids from the N-terminal region of human Cellular Apoptosis Susceptibility.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	55-84
Sequence Length	915
Applicable Applications for anti-CSE1L antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of anti-CSE1L Pab in, from left to right, A375, CEM, and mouse heart cell line lysates (35ug/lane). CSE1L (arrow) was detected using the purified Pab.



WB (Western Blot)

Western blot analysis of lysates from HeLa, Jurkat, Ramos, mouse NIH/3T3 cell line (from left to right), using CSE1L Antibody. AAA283781 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



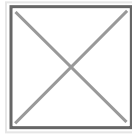
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. tonsil section using CSE1L Antibody. AAA283781 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. stomach section using CSE1L Antibody. AAA283781 was diluted at 1:100 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



IF (Immunofluorescence)

Fluorescent image of HeLa cells stained with Cellular Apoptosis Susceptibility Antibody (N-term). AAA283781 was diluted at 1:100 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor 555 conjugated with Phalloidin (red).

ADDITIONAL INFORMATION

Related Product Information for anti-CSE1L antibody	Proteins that carry a nuclear localization signal (NLS) are transported into the nucleus by the importin-alpha/beta heterodimer. Importin-alpha binds the NLS, while importin-beta mediates translocation through the nuclear pore complex. After translocation, RanGTP binds importin-beta and displaces importin-alpha. Importin-alpha must then be returned to the cytoplasm, leaving the NLS protein behind. CSE1L binds strongly to NLS-free importin-alpha, and this binding is released in the cytoplasm by the combined action of RANBP1 and RANGAP1. In addition, CSE1L may play a role both in apoptosis and in cell proliferation.
Product Categories/Family for anti-CSE1L antibody	Crown Antibodies ; Cell Biology ; Signal Transduction
References	Goldberg, G.S., et al., J. Biol. Chem. 278(47):46533-46540 (2003). Behrens, P., et al., Apoptosis 8(1):39-44 (2003). Jiang, M.C., et al., Biochem. Biophys. Res. Commun. 294(4):900-905 (2002). Wellmann, A., et al., Int. J. Mol. Med. 7(5):489-494 (2001). Brinkmann, U., et al., Genomics 58(1):41-49 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	371502112
NCBI GeneID	1434
NCBI Accession #	NP_001243064.1 ; NP_001307.2
NCBI GenBank Nucleotide #	NM_001256135.1
UniProt Accession #	P55060 ; O75432 ; Q32M40 ; Q9H5B7 ; Q9NTS0 ; Q9UP98 ; Q9UP99 ; Q9UPA0 ; A3RLL6 ; B2R5T4 ; E1P5Y0 ; F8W904
Molecular Weight	110417
NCBI Official Full Name	exportin-2 isoform 2
NCBI Official Synonym Full Names	CSE1 chromosome segregation 1-like (yeast)
NCBI Official Symbol	CSE1L
NCBI Official Synonym Symbols	CAS; CSE1; XPO2
NCBI Protein Information	exportin-2
UniProt Protein Name	Exportin-2
UniProt Gene Name	CSE1L
UniProt Synonym Gene Names	CAS; XPO2; Exp2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cellular-apoptosis-susceptibility-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/283781>